

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9. (Canceled)

10. (Currently amended) A self-boosting electromechanical friction brake, comprising
a friction brake lining which is movable in a direction of rotation and into contact
with a brake body,

an electromechanical actuation device with which the friction brake lining can be
pressed for braking against the brake body,

a ramp mechanism which braces the friction brake lining at a ramp angle to the brake
body, the ramp mechanism having a roller bearing that has roller bodies, with which roller
bearing the friction brake lining is movably supported at a wedge angle to the brake body,
and

roller support means supporting the roller bodies fixedly and rotatably on a
component of the friction brake, wherein axes of rotation of the roller bodies have a
transverse inclination, so that the roller bodies brace the friction brake lining centrally
to an imaginary circular circumferential line with its center on an axis of rotation of the

brake body which divides a surface, oriented toward the brake body, of the friction brake lining into two faces of at least approximately equal size.

11. **(Currently amended)** The friction brake according to claim 10, wherein the roller support **mean means** comprises a stationary abutment of the ramp mechanism, and wherein the abutment braces the friction brake lining at the ramp angle (α) to the brake body.

12. **(Currently amended)** The friction brake according to claim 10, wherein the roller support **mean means** support the roller bodies in stationary and rotatable fashion on the friction brake lining.

13. **(Previously presented)** The friction brake according to claim 10, wherein an imaginary straight line through an axis of rotation of a roller body, which imaginary straight line is perpendicular to a ramp, intersects a surface of the friction brake lining, oriented toward the brake body, inside the surface of the friction brake lining.

Claim 14. **(Canceled)**

15. **(Previously presented)** The friction brake according to claim 10, wherein the roller support means comprises roller bearings.

16. **(Previously presented)** The friction brake according to claim 15, wherein the roller bearings of the roller bodies rest in bearing pockets that are complementary to the roller bearings.

Claim 17. **(Canceled)**

18. **(Previously presented)** The friction brake according to claim 10, wherein the friction brake is a partly lined disk brake.

19. **(New)** A self-boosting electromechanical friction brake, comprising

a friction brake lining which is movable in a direction of rotation and into contact with a brake body,

an electromechanical actuation device with which the friction brake lining can be pressed for braking against the brake body,

a ramp mechanism which braces the friction brake lining at a ramp angle to the brake body, the ramp mechanism having a roller bearing that has roller bodies, with which roller bearing the friction brake lining is movably supported at a wedge angle to the brake body, and

roller support means supporting the roller bodies fixedly and rotatably on a component of the friction brake, wherein the roller bodies are offset in a displacement direction of the friction brake lining such that the roller bodies brace the friction brake lining

centrally to an imaginary center line, which extends transversely to the displacement direction of the friction brake lining and divides the surface, oriented toward the brake body, of the friction brake lining into two faces of at least approximately equal size.

20. (New) The friction brake according to claim 19, wherein the roller support means comprises a stationary abutment of the ramp mechanism, and wherein the abutment braces the friction brake lining at the ramp angle (α) to the brake body.

21. (New) The friction brake according to claim 19, wherein the roller support means support the roller bodies in stationary and rotatable fashion on the friction brake lining.

22. (New) The friction brake according to claim 19, wherein an imaginary straight line through an axis of rotation of a roller body, which imaginary straight line is perpendicular to a ramp, intersects a surface of the friction brake lining, oriented toward the brake body, inside the surface of the

23. (New) The friction brake according to claim 19, wherein the roller support means comprises roller bearings.

24. (New) The friction brake according to claim 23, wherein the roller bearings of the roller bodies rest in bearing pockets that are complementary to the roller bearings.

Appl. No. 10/584,186
Amdt. dated June 3, 2009
Reply to Office action of March 4, 2009

25. (New) The friction brake according to claim 19, wherein the friction brake is a partly lined disk brake.